

0460
#4

RAW SEQUENCE LISTING ERROR REPORT

BIO TECHNOLOGY
SYSTEMS
BRANCH

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/645,593

Source: OIPF

Date Processed by STIC: 9/7/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER,
703-308-4212.**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:**

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

RECEIVED
OCT 20 2000
C. MARSHALL DABSON
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C. MARSHALL DABSON

Raw Sequence Listing Error Summary

| ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: <u>09/645,593</u> |
|---|---|----------------------------------|
| ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE | | |
| 1 <input type="checkbox"/> Wrapped Nucleics | <p>The number/text at the end of each line "wrapped" down to the next line.</p> <p>This may occur if your file was retrieved in a word processor after creating it.</p> <p>Please adjust your right margin to .3, as this will prevent "wrapping".</p> | |
| 2 <input type="checkbox"/> Wrapped Aminos | <p>The amino acid number/text at the end of each line "wrapped" down to the next line.</p> <p>This may occur if your file was retrieved in a word processor after creating it.</p> <p>Please adjust your right margin to .3, as this will prevent "wrapping".</p> | |
| 3 <input type="checkbox"/> Incorrect Line Length | The rules require that a line not exceed 72 characters in length. This includes spaces. | |
| 4 <input type="checkbox"/> Misaligned Amino Acid Numbering | The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers. | |
| 5 <input type="checkbox"/> Non-ASCII | <p>This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.</p> <p>Please ensure your subsequent submission is saved in ASCII text so that it can be processed.</p> | |
| 6 <input type="checkbox"/> Variable Length | <p>Sequence(s) <input type="checkbox"/> contain n's or Xaa's which represented more than one residue.</p> <p>As per the rules, each n or Xaa can only represent a single residue.</p> <p>Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.</p> | |
| 7 <input type="checkbox"/> PatentIn ver. 2.0 "bug" | A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences. | |
| 8 <input type="checkbox"/> Skipped Sequences (OLD RULES) | <p>Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence:</p> <p>(2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: This sequence is intentionally skipped</p> <p>Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).</p> | |
| 9 <input type="checkbox"/> Skipped Sequences (NEW RULES) | <p>Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence.</p> <p><210> sequence id number <400> sequence id number 000</p> | |
| 10 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES) | <p>Use of n's and/or Xaa's have been detected in the Sequence Listing.</p> <p>Use of <220> to <223> is MANDATORY if n's or Xaa's are present.</p> <p>In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.</p> | |
| 11 <input type="checkbox"/> Use of <213>Organism (NEW RULES) | Sequence(s) <input type="checkbox"/> are missing this mandatory field or its response. | |
| 12 <input type="checkbox"/> Use of <220>Feature (NEW RULES) | <p>Sequence(s) <input type="checkbox"/> are missing the <220>Feature and associated headings.</p> <p>Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"</p> <p>Please explain source of genetic material in <220> to <223> section.</p> <p>(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)</p> | |
| 13 <input type="checkbox"/> PatentIn ver. 2.0 "bug" | Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk. | |

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
TIME: 14:27:09

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Output Set: N:\CRF3\09072000\I645593.raw

4 <110> APPLICANT: Chaudhary, Sarita
5 van Rooijen, Gijs
6 Moloney, Maurice
7 Singh, Surinder
9 <120> TITLE OF INVENTION: Flax Seed Specific Promoters
11 <130> FILE REFERENCE: 9369-147
13 <140> CURRENT APPLICATION NUMBER: US/09/645,593
14 <141> CURRENT FILING DATE: 2000-08-25
16 <150> PRIOR APPLICATION NUMBER: 60/151044
17 <151> PRIOR FILING DATE: 1999-08-27
19 <150> PRIOR APPLICATION NUMBER: 60/161,722
20 <151> PRIOR FILING DATE: 1999-10-27
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P.J
Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:09

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RAW SEQUENCE LISTING DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:09

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112      1           5           10           15
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118           35           40           45
120 Val Leu Ser Gly Leu Ile Leu Thr Ala Thr Val Ile Ser Leu Ile Ile
121           50           55           60
123 Ala Thr Pro Leu Leu Val Ile Phe Ser Pro Val Leu Val Pro Ala Leu
124           65           70           75           80
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163 ccatcacacc acatataaag caatagtgg ggagttttc atatgtaaa cgggcattga 540
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172 tgacccgttccatggatgttca agtttgcgttca aatggatgttccatgggttccatgggtt 1080
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RAW SEQUENCE LISTING DATE: 09/07/2000
PATENT APPLICATION: US/09/645,593 TIME: 14:27:09

Input Set : A:\Sequence
Output Set : N:\CRF3\09072000\I645593.raw

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
 TIME: 14:27:09

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 234 65 70 75 80
 236 Ile Thr Thr Pro Ile Phe Val Ile Cys Ser Pro Val Leu Val Pro Ala
 237 85 90 95
 239 Ala Leu Leu Ile Gly Phe Ala Val Ser Ala Phe Leu Ala Ser Gly Met
 240 100 105 110
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 243 115 120 125
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<210> 8
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See next page

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 cggattccgg caactacgttgc ttggcggcggc ttgcctgtat tagagatatg ttgaggcaag 1080
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 ctgatatccc gtcatttgca tccacgttgc ccgcctcccg tgccaaatgttcc ctatgtgtca 1260
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 tgcgttgc tccctctaaat aaacttggta ttgtgttttgc agaaccatata atcaaaataat 1680
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gcagggaggt cgtgggtggc gcccgtacta ctccaatggc gtggaggaga cttctgctc 3120
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chattgtana tggncgtt 4999

→ see item 10
in
Error
funny
short

Please explore all n's in the sequence. The circled n's are a sample.

fyi

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
TIME: 14:27:10

Input Set : A:\Sequence
Output Set: N:\CRF3\09072000\I645593.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:412 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:412 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:412 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:413 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
M:340 Repeated in SeqNo=8
L:414 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:414 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:415 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:416 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:417 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:418 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:419 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:420 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:422 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/645,593

DATE: 09/07/2000
TIME: 14:27:10

Input Set : A:\Sequence
Output Set: N:\CRF3\09072000\I645593.raw

L:455 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:10
L:455 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:10
L:455 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10